

## AMENDMENTS TO THE CLAIMS

This listing of the claims shall replace all prior versions and listing of the claims in this application:

1. (Currently amended) A method for initiating a data storage facility recovery process in a data processing system having a first peer data storage facility and a second peer data storage facility communicating with the first peer data storage facility by a first communication link, the method comprising:

executing a first write operation to store data from a host computer to the first peer data storage facility;

executing a second write operation to copy the stored data over the first communication link from the first peer data storage facility to the second peer data storage facility;

~~monitoring in the second peer data storage facility the data associated with the second write operation to determine if the data contains an error, comprising:~~

~~defining a trigger event comprising a predetermined data string; and~~

~~analyzing a running text log buffer associated with the second write operation to detect the trigger event; and~~

~~transmitting an instruction from the second peer data storage facility to instructing~~ the first peer data storage facility to initiate a first error recovery operation on the first peer data storage facility upon detection of the error.

2. (Currently amended) The method of claim 1, wherein ~~transmitting an instruction from the second peer data storage facility to instructing~~ the first peer data storage facility to initiate the first error recovery operation comprises ~~transmitting the instruction instructing the first peer data storage facility by~~

communication over a second communication link, separate from the first communication link.

3. (Original) The method of claim 1 wherein the first error recovery operation comprises issuing a device specific control function causing a warmstart on the first peer data storage facility.

4-5. (Cancelled)

6. (Currently amended) The method of claim 1, further comprising ~~transmitting an instruction from the second peer data storage facility to~~ directing the first peer data storage facility to store a first root cause data set upon instruction to initiate the first error recovery operation.

7. (Original) The method of claim 6 wherein the first root cause data set comprises:

- a record of the state of the first peer data storage facility at the time of determination of the error; and
- a continuous event log buffer.

8. (Currently amended) The method of claim 1 further comprising ~~initiating~~ instructing the second peer data storage facility to initiate a second error recovery operation on the second peer data storage facility upon detection of the error

9. (Currently amended) The method of claim 1 further comprising:

- instructing the second peer data storage facility to respond to the first peer data storage facility in association with the second write operation;
- monitoring the response to detect if the response indicates a problem with the second write operation; and

~~initiating~~ instructing the second peer data storage facility to initiate a  
second error recovery operation on the second peer data storage facility  
upon detection of the problem with the second write operation.

10-23. (Cancelled)